

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

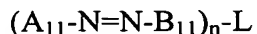
LISTING OF CLAIMS:

1. (original): An ink for ink jet comprising:
a water-soluble dye having an anionic dissociable group;
at least one of water and a water-soluble organic solvent; and
at least one kind of cationic polymer capable of forming an ion pair with the anionic dissociable group.
2. (original): An ink for ink jet according to claim 1, wherein the cationic polymer is a water-soluble polymer.
3. (original): A method for producing an ink for ink jet, the method comprising:
mixing in advance: a water-soluble dye having an anionic dissociable group; and at least one cationic polymer capable of forming an ion pair with the anionic dissociable group, in water, to form a resulting salt; and
preparing the ink after desalting the resulting salt.
4. (currently amended): An ink for ink jet according to claim 1-~~or 2~~, wherein the ink is provided by:
mixing in advance: said at least one kind of cationic polymer; and the water-soluble dye having the anionic dissociable group, in water, to form a resulting salt; and
preparing the ink after desalting the resulting salt.

5. (currently amended): An ink for ink jet according to ~~any one of claims 1, 2 and 4~~claim 1,
wherein said at least one kind of cationic polymer has a cation derived from a nitrogen atom.

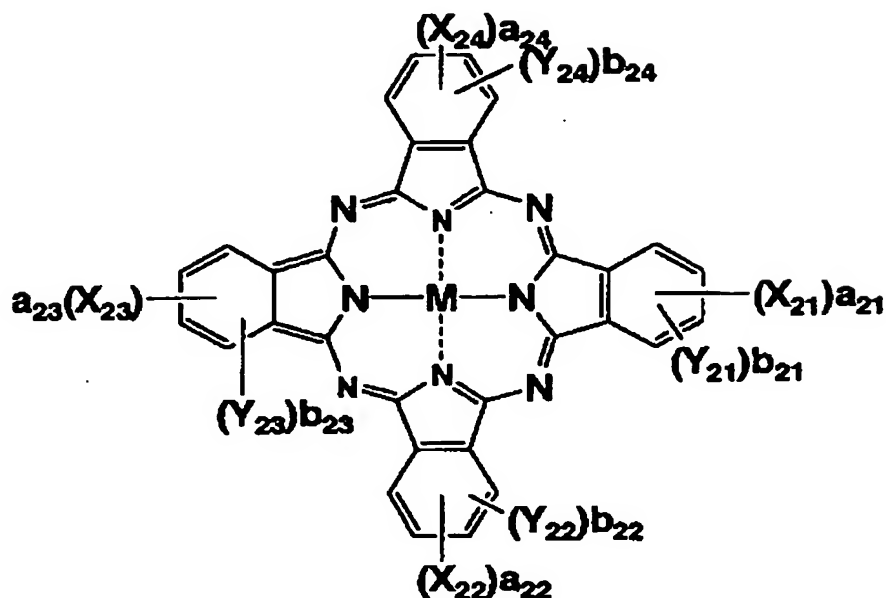
6. (currently amended): An ink for ink jet according to ~~any one of claims 1, 2, 4 and 5~~claim 1, wherein the water-soluble dye comprises at least one of compounds represented by general formulas (1) to (4):

general formula (1):



in the general formula (1), A_{11} and B_{11} each independently represents a heterocyclic group that may be substituted; n represents 1 or 2; L represents a substituent bonded in an arbitrary position with one of A_{11} and B_{11} , and represents a hydrogen atom in case $n = 1$, a single bond or a divalent connecting group in case $n = 2$;

general formula (2):



In the general formula (2), X_{21} , X_{22} , X_{23} and X_{24} each independently represents - $SO-Z_2$, $-SO_2-Z_2$, $-SO_2NR_{21}R_{22}$, a sulfo group, $-CONR_{21}R_{22}$, or $-COOR_{21}$; Z_2 each independently represents a substituted or non-substituted alkyl group, a substituted or non-substituted cycloalkyl group, a substituted or non-substituted alkenyl group, a substituted or non-substituted aralkyl group, a substituted or non-substituted aryl group or a substituted or non-substituted heterocyclic group; and R_{21} and R_{22} each independently represents a hydrogen atom, a substituted or non-substituted alkyl group, a substituted or non-substituted cycloalkyl group, a substituted or non-substituted alkenyl group, a substituted or non-substituted aralkyl group, a substituted or non-substituted aryl group or a substituted or non-substituted heterocyclic group;

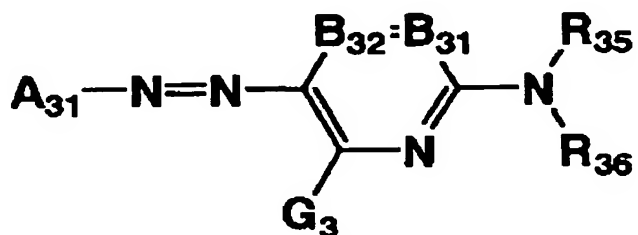
Y_{21} , Y_{22} , Y_{23} and Y_{24} each independently represents a monovalent substituent;

a_{21} to a_{24} and b_{21} to b_{24} represent numbers of substituents respectively on X_{21} to X_{24} and Y_{21} to Y_{24} ; a_{21} to a_{24} each independently represents a number of 0 to 4, and at least one of a_{21} to a_{24} is not zero; b_{21} to b_{24} each independently represents a number of 0 to 4; and, in case

any of a_{21} to a_{24} and b_{21} to b_{24} represents a number equal to or larger than 2, plural ones in X_{21} to X_{24} and Y_{21} to Y_{24} may be mutually same or different;

M represents a hydrogen atom, a metal atom, an oxide of the metal atom, a hydroxide of the metal atom, or a halide of the metal atom;

general formula (3):



in the general formula (3), A_{31} represents a 5-membered heterocyclic ring;

B_{31} and B_{32} each represents $=CR_{31}-$ or $-CR_{32}=$, or either one represents a nitrogen atom while the other one represents $=CR_{31}-$ or $-CR_{32}=$;

R_{35} and R_{36} each independently represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group, an alkoxycarbonyl group, an aryloxy carbonyl group, a carbamoyl group, an alkyl- or arylsulfonyl group, or a sulfamoyl group, each of which may further have a substituent;

G_3 , R_{31} and R_{32} each independently represent a hydrogen atom, a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, a carboxyl group, a carbamoyl group, an alkoxycarbonyl group, an aryloxy carbonyl group, a heterocyclic oxycarbonyl group, an acyl group, a hydroxyl group, an alkoxy group, an aryloxy group, a heterocyclic oxy group, a silyloxy group, an acyloxy group, a carbamoyloxy group, an alkoxycarbonyloxy group, an aryloxy carbonyloxy group, an amino group (including an

arylamino group and a heterocyclic amino group), an acylamino group, an ureido group, a sulfamoylamino group, an alkoxycarbonylamino group, an aryloxycarbonylamino group, an alkyl- or aryl sulfonylamino group, a heterocyclic sulfonylamino group, a nitro group, an alkyl- or arylthio group, an alkyl- or arylsulfonyl group, a heterocyclic sulfonyl group, an alkyl- or arylsulfinyl group, a heterocyclic sulfinyl group, a sulfamoyl group, a sulfo group or a heterocyclic thio group, each of which may be further substituted;

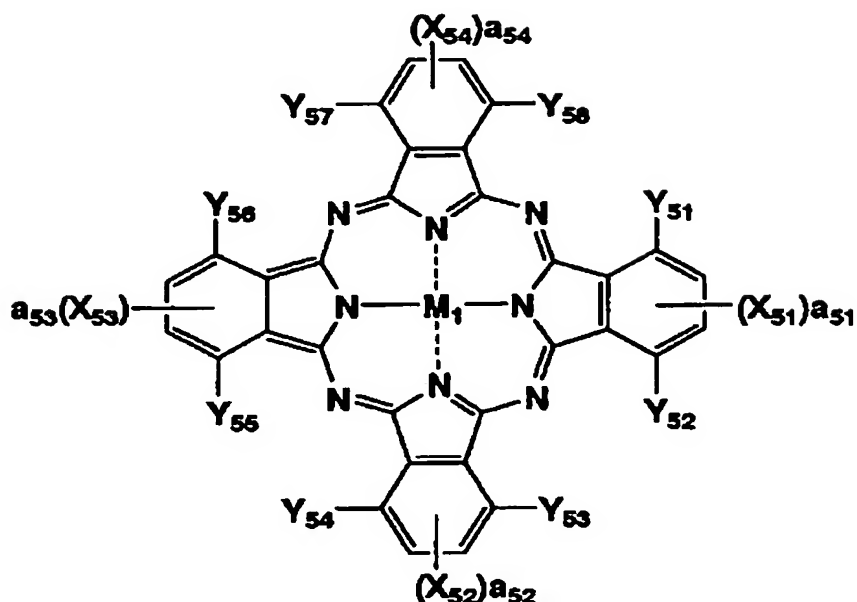
R_{31} and R_{35} , or R_{35} and R_{36} may be bonded to form a 5- or 6-membered ring; and
general formula (4):



in the general formula (4), A_{41} , B_{41} and C_{41} each independently represents an aromatic group or a heterocyclic group, each of which may be further substituted.

7. (currently amended): An ink for ink jet according to ~~any one of claims 1, 2, 4, 5 and 6~~claim 1, wherein the dye represented by the general formula (2) is a dye represented by general formula (5):

general formula (5):



in the general formula (5), X_{51} to X_{54} , Y_{51} to Y_{58} and M_1 respectively have same meanings as X_{21} to X_{24} , Y_{21} to Y_{24} and M in the general formula (2); and a_{41} to a_{54} each independently represents an integer 1 or 2.

8. (currently amended): An ink set for ink jet comprising an ink according to ~~any one of claims 1, 2, 4, 5, 6 and 7~~ claim 1.

9. (currently amended): An ink jet recording method comprising executing an image recording on one of a plain paper and an ink jet exclusive paper with an ink jet printer by using at least one of: an ink according to ~~any one of claims 1, 2, 4, 5, 6 and 7~~ claim 1; and an ink set for ink jet according to claim 8.

10. (new): An ink jet recording method comprising executing an image recording on one of a plain paper and an ink jet exclusive paper with an ink jet printer by using an ink set for ink jet according to claim 8.